

ACTIVE AND BIOCOMPATIBLE PLATFORMS PREPARED BY POLYMERIZATION OF SURFACE COATING FILMS

5 The present invention recognizes that polymerizable coating films can be utilized to make
chips such as biochips that include channel structures. These chips can optionally include one or
more additional structures such as particles, biological groups or chemical groups. Such biochips
having channel structures have a wide variety of useful applications, particularly in the field of
laboratory on a chip and other applications where microfluidics are of importance. One aspect of
10 the present invention is a platform that includes: a surface, a coating film and a channel structure.
Preferably, the coating film defines in part said channel structure and more preferably the
platform comprises a microchip.

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